

Patent Claims

1. A medium-voltage switchgear assembly having at
5 least one switch disconnecter whose drive is arranged
inside and/or outside a gas area,
characterized in that
the switch disconnecter is in the form of a
three-position vacuum-chamber switch (1).
- 10 2. The medium-voltage switchgear assembly as claimed
in claim 1,
characterized in that
the three-position vacuum switching chamber (1) is
15 designed such that it forms and replaces the bushing
which leads from inside said gas area to outside the
gas area, and forms a direct connection to the busbar.
- 20 3. The medium-voltage switchgear assembly as claimed
in claim 1,
characterized in that
the three-position vacuum switching chamber (1) is
designed such that it is integrated in an annular seal
which leads from inside said gas area to outside the
25 gas area.
4. The medium-voltage switchgear assembly as claimed
in one of the preceding claims,
characterized in that
30 the three-position vacuum switching chamber (1) is
designed such that, with its ceramics, it itself forms
the bushing.
5. The medium-voltage switchgear assembly as claimed
35 in one of the preceding claims,
characterized in that
the three-position vacuum switching chamber is
integrated in a cast-resin bushing, that is to say is
provided with a cast-resin body.

6. The medium-voltage switchgear assembly as claimed in claim 1,

characterized in that

5 the three-position switch is designed such that, in addition to the disconnection function, it can also carry out the functions of load switching and power switching.

10 7. The medium-voltage switchgear assembly as claimed in one of the preceding claims,

characterized in that

the described requirements for the disconnecter bushings can be used both for a single and a double
15 busbar application.